

Outdoor Armored Fiber Bundle Optical Cable Product

Series--GYXTS

Applications:

Duct Installation: Suitable for urban municipal pipelines, weak current pipelines and underground PVC conduits in residential communities. Especially ideal for sections with severe rodent infestation as a substitute for conventional GYXTW cables to prevent cable damage caused by rodent bites.

Non-Self-Supporting Aerial Installation: Aerial deployment via cable hooks or lashing messengers between utility poles and buildings. Applicable to rural village connectivity networks, village backbone lines and cross-road overhead wiring within factories and industrial parks.

Direct Burial Installation: Can be directly shallow-buried in areas with favorable soil conditions, free from heavy corrosion and large sharp gravel.

Features:

- Easy-to-identify color coding, convenient for construction;
- Excellent water resistance;
- Outstanding lateral pressure resistance, tensile strength and stable temperature performance;
- Excellent anti-rodent performance.

temperature:

Operating temperature: -40℃ ~ +70℃

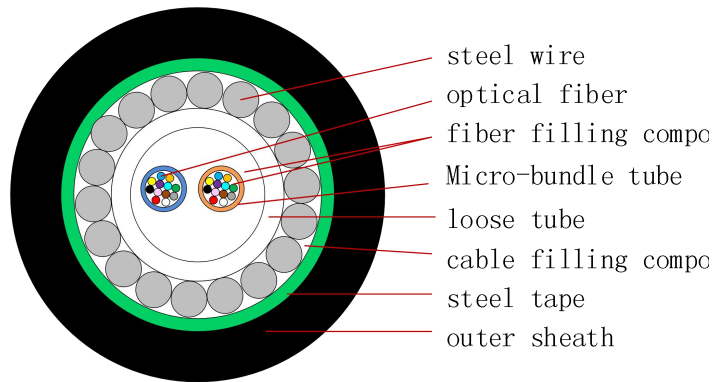
Transmission performance:

Fiber type	SM. G657A1 1310nm/1550nm
Attenuation maximum (dB/km)	0.35/0.20

Note: Other fibres are also available upon request

GYXTS Optical cable

Product Structure Diagram:



Product Description:

GYXTS: (Central tube, steel wire armor, steel-PE bonded sheath)

Technical Parameters (Typical)):

Core Countr	Outer Diamete r of Loose Tube (mm)	Product Outer Diameter (mm)	Weight (kg/km)	Long-te rm Tensile Load (N)	Short-Te rm Tensile Load [N]	Long-te rm Crushin g Force (N)	Short-te rm Crushing Force (N)	Bend Radius [mm] Static/D ynamic
24	1.4±0.1	10.1±0.5	143	300	1500	600	1000	10D/20D
48	1.4±0.1	10.7±0.5	163	300	1500	600	1000	10D/20D

Notes:

1. Technical parameters can be adjusted according to customer requirements
2. The above data is for reference only..

Physical Image: